



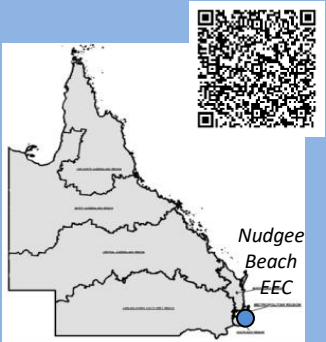
# Nudgee Beach Environmental Education Centre 2020 Annual Report



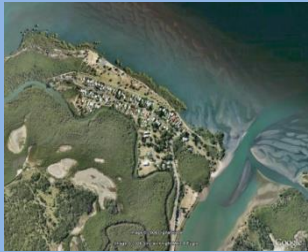
Students that visit the Centre are empowered and challenged to become Nature Scientists. By delivering curriculum relevant programs, we will enhance students' curiosity in, and knowledge of the natural world.

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Metropolitan  
Education Region



## Where is Nudgee Beach Environmental Education Centre?

Nudgee Beach Environmental Education Centre (NBEEC) is situated in the suburb of Nudgee Beach, 19 km from the centre of Brisbane city. The area around Nudgee Beach includes the Bramble Bay section of the Moreton Bay Marine Park, the Boondall Wetlands Reserve to the north and west, and the Kedron Brook Floodway and Brisbane Airport to the south.

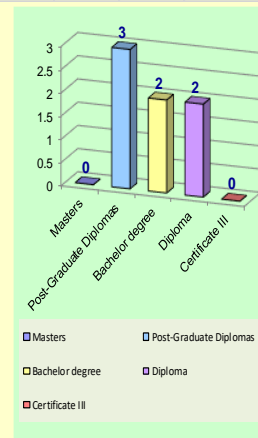
## 2020 Staff

- Teaching Principal – Band 7
- 3.2 FTE Teachers (.8 Centre Funded)
- 1.3 FTE Unit Support Officer (.2 Centre Funded)
- 1 FTE Business Manager (.15 Centre Funded)
- .2 FTE Admin Officer (Centre Funded)
- 2 Part time cleaner
- **Staff Attendance:** 93.3%
- **Staff Retention:** 93.8%

**Total Staff: 12**

### Highest Level of Attainment

Highest level of attainment	Number of classroom teachers and school leaders at the school
Masters	0
Post-Graduate Diplomas	3
Bachelor degree	2
Diploma	2
Certificate III	0



## Focus of Professional Development for 2021

- Hosted Metro EEC's annual mini conference- First Aid.
- Essential classroom skills & Classroom Profiling Level 1 & 2
  - Social media training
- Continued grounds development to

## Actual vs potential instruction

		2018	2019	2020	
Potential	<b>Actual</b>	<b>students</b>	<b>28005</b>	<b>26563</b>	
	Headline indicator potential; (department funded teachers#)	weeks	37	37	37
		hours	17.5	17.5	15
		group sizes	20	20	22
		teacher #	2	2	2
		Instructors	0	0	0
		<b>Maximum</b>	<b>25900</b>	<b>25900</b>	<b>24420</b>
	Department & centre funded teachers (for information only. This data is not used to calculation of the headline indicators.)	weeks	37	37	37
		hours	17.5	17.5	15
		group sizes			
		teacher *	2.8	2.5	2.4
		Instructors	0	0	0
		<b>Maximum</b>	<b>36260</b>	<b>32375</b>	<b>29304</b>



## Facilities

- Inside & outside learning spaces
- 8 Canadian canoes
- A 24-seater Coaster bus
- Back of House Aquatic Tanks
- Tennis court available for community use



## Environmental footprint indicators, 2019-2020

	Electricity (KwH)	Water (KL)
2019	14,015	203
2020	Still waiting for Data	

## Destination programs

The Centre continues to support students from Prep to Year 12.

Term 1 was business as usual with a significant increase in senior secondary programs delivered by centre staff mainly senior biology but several geography programs planned for the year. Lockdown learning support included the development of videos to support learning in prep to year 5. The take up was across the state with phone calls from teachers as far as Childers to access the materials developed. These are hosted on the learning place and will require moving to the new platform in 20221. Term 3 always the busiest at the centre was went ahead as planned with classes at most schools permitted to attend the centre. Incursions occurred for a small number of schools upon request.

## Expert Programs

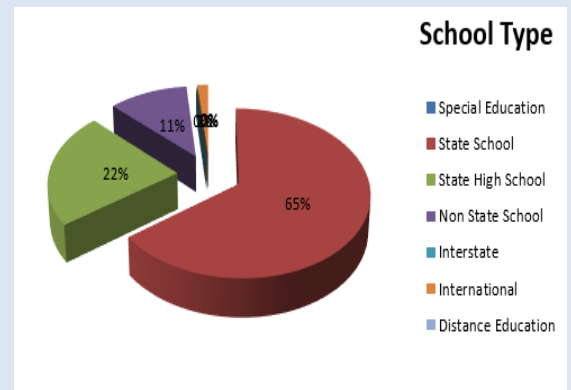
Deadly Science - Senior Secondary student Vocational Education and Training Programs.

The course commenced in February but due to COVID students were not able to attend from the end of March. This meant that they had not completed 50% of the required time. Individual learning plans and booklets delivered to each participating student. As senior students came out of lockdown the Centre staff moved the course to be delivered on the relevant school sites across the remainder of term 2 extending into term 3. This had mixed support from participating schools and only 2 students from the original 9 students were awarded their certificated at the end of the year. It is anticipated that an additional 3 students will complete with the 2020 cohort. This year 2021, this program will be delivered in blocks to allow for possible disruption of learning should it occur again. Unfortunately, support for remote cohorts was also limited during 2020.

## Partnership Programs

The Centre's most significant partnership with the Universities to coordinate the annual Science Colloquium dinner although planned was cancelled due to COVID 19. Preparation for the 2020 event is already well underway with a new admin assistant employed to support the event. Progress with the Brisbane City Council concerning joint signage to support wader bird conservation on the foreshore is progressing following a significant win for conservation with the area returned to a controlled dog beach. Protecting birds, children and the environment. The Alex Fraser group have again approached the centre to support the Centre. This will take the form of sponsorship of the Vocational Education program.

## 2020 Visitation by Education Sector





## How Information and Communication Technologies are used to assist teaching and learning

The Centre purchased an additional 15 laptops in 2020 for student use. Increased usage of data loggers and additional data monitoring devices have been purchased to support students in senior Science and Geography programs, for both transects and water quality. iPads loaded with identification apps are also part of the program support for student usage in the field as well as in our “Deadly Science” classroom. Current uses for the iPads include; iBook’s for transects and water quality monitoring, ID apps, the ability to use the iPad for photography and data capture across a number of the Centre’s secondary programs, including the Year 7 “selfie challenge”. Whiteboards, voice recorders, GPS and other tools to support communication are available to assist teaching and learning at the Centre. 2021 has seen the introduction of iPads to record students’ authentic voice. Students use iPads to record their responses to the learning goals for the day.

### Regional Breakdown of Visiting Students

Education Region	Student Numbers	Hours of Student Instruction	Student Percentage
Far North Queensland	0	0.00	0.00%
North Queensland	0	0.00	0.00%
Central Queensland	6	27.00	0.11%
North Coast	863	3799.00	15.62%
Darling Downs	0	0.00	0.00%
South West Metropolitan	4515	19208.20	81.72%
South East	141	584.50	2.55%
Other	0	0.00	0.00%
<b>Total</b>	<b>5525</b>	<b>23619</b>	

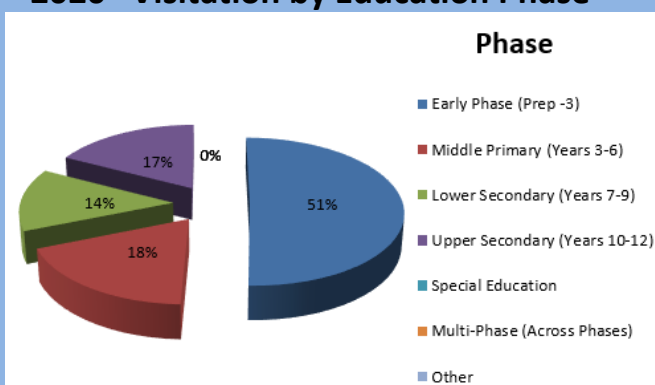


### Centre Profile and Service Delivery



Education Phase	Student Numbers	Hours of Student Instruction	Student Percentage
Early Phase (Prep -3)	2792	11585.50	50.53%
Middle Primary (Years 3-6)	1014	4388.00	18.35%
Lower Secondary (Years 7-9)	758	3353.20	13.72%
Upper Secondary (Years 10-12)	961	4292.00	17.39%
Special Education	0	0.00	0.00%
Multi-Phase (Across Phases)	0	0.00	0.00%
Other	0	0.00	0.00%
<b>Total</b>	<b>5525</b>	<b>23619</b>	

### 2020 Visitation by Education Phase



## Social Climate (Supportive Learning Environment)

Nudgee Beach EEC operates under the belief that for effective teaching and learning to occur appropriate relationships must be developed and maintained within the learning and natural environment. Each individual (teacher and learner) has personal rights and responsibilities which affect their relationships with others within their environment. The common goal is to support a learning environment which provides optimal learning and development for all.



### Centre Income

School income broken down by funding source		2019	2020
Revenue code	Description	Income	Income
100100	Agricultural & Marine Studies Grant	15,360.00	15,360.00
101800	EEC/OEC Visitation Fees	60,200.94	52,692.18
102000	Environmental/ Outdoor Education Centre Grant	29,209.00	29,600.00
102400	Grounds Equipment Replacement Grant	700.00	700.00
102800	Hire of Facilities	300.00	540.91
103000	ICT School Grant	12,869.00	16,036.00
103400	Interest	6,053.77	2,835.47
103800	Learning and Development Grants	462.21	0
104300	Minor Works Grant	5,819.00	6,096.00
104900	Other Revenue	6,477.86	9,297.52
104919	Deadly Science – Schools Contribution	1,500.00	0
104921	International Students Revenue	2,706.00	0
105000	P&C Contributions	855.67	1,500.00
107700	Staffing Resource Conversion Grant	10,680.96	366.00
108300	Teacher Relief Scheme- Safety Net Grant	3,538.07	0
108400	Teacher Relief Scheme Grant	9,071.13	9,189.32
108800	Utilities - Facilities	6,582.00	7,106.00
108900	Telecommunications	4,744.58	4,175.33
110600	Cleaning Non-Labour	795.00	1,189.07
111100	Great Results	5,362.00	5,496.00
<b>Total</b>		<b>\$183,287.19</b>	<b>\$162,179.80</b>

### Centre and PD Achievements for 2020

- Mini regional 2 day EEC conference held at Nudgee Beach – covering first aid, inclusive practices and catering for the gifted and talented student.
- Significant personal skills development to use online platforms, video conferencing with teachers, as well as creating and editing videos.



### Explicit Improvement Agenda 2021

- *Analysis and discussion on Data*  
Focus on devices and usage within programs
- *School and community partnerships*  
Connection with the Brisbane City Council Centres and EE Community

